

IAP12 Rec'd PCT/PTO 28 APR 2006

00862.103495

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:)
NOBUYUKI HIRAYAMA) : Examiner: Unassigned
Application No.: Unassigned) : Group Art Unit: Unassigned
Filed: April 28, 2006)
(Concurrently Herewith))
For: PRINthead, PRINthead SUBSTRATE, :
INK CARTRIDGE, AND PRINTING)
APPARATUS HAVING PRINthead : April 28, 2006

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

In compliance with the duty of disclosure under 37 C.F.R. § 1.56 and in accordance with the practice under 37 C.F.R. §§ 1.97 and 1.98, the Examiner's attention is directed to the documents listed on the enclosed Form PTO-1449. Copies of the listed foreign documents, together with English-language abstracts for the non-English-language documents, are enclosed.

Among the listed documents, JP 2001-191531, EP 1 164 013 and U.S. Patent Application Publication No. 2003/0038617 were cited in the International Search Report and/or Written Opinion issued in a corresponding PCT application (PCT/JP2004/016898; filed

November 8, 2004). Copies of the International Search Report and the Written Opinion are also enclosed.

JP 2001-191531 is discussed at pages 6 and 7 of the specification and may be relevant for the reasons discussed therein.

U.S. Patent No. 5,627,732 is a U.S. counterpart to JP 8-51322.

U.S. Patent No. 5,952,884 is a U.S. counterpart to JP 11-234060.

FORMAL MATTERS

In accordance with 37 C.F.R. § 1.97(b), since this Information Disclosure Statement is being filed concurrently with the filing of the subject application, neither a statement under 37 C.F.R. § 1.97(e) nor payment of a fee is required for consideration of this Information Disclosure Statement.

CONCLUSION

It is respectfully requested that the above information be considered by the Examiner and that an initialed copy of the enclosed Form PTO-1449 be returned indicating that such information has been considered.

10/577320

IAP12 Rec'd PCT/PTO 28 APR 2006

Applicant's undersigned attorney may be reached in our Washington, D.C. office by telephone at (202) 530-1010. All correspondence should continue to be directed to our address given below.

Respectfully submitted,



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DWP/klm

FORM PTO 1449 (<i>modified</i>) U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE LIST OF REFERENCES CITED BY APPLICANT(S) (Use several sheets if necessary)			ATTY DOCKET NO. 00862.103495	APPLICATION NO. 10/577320 Unassigned			
Submitted to the PTO: April 28, 2006			APPLICANT NOBUYUKI HIRAYAMA				
			FILING DATE April 28, 2006 (Concurrently Herewith)	GROUP Unassigned			
U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		5,163,760	11/1992	Nardozzi			
		5,627,732	05/1997	Loh et al.			
		5,671,002	09/1997	Murano			
		5,952,884	09/1999	Ide			
		2003/0038617 A1	02/2003	Yaklin			
		2005/0206685 A1	09/2005	Hirayama			
		2005/0212857 A1	09/2005	Hirayama			
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO/ OR ABSTRACT
		JP 3-208656	09/1991	Japan			Abstract
		EP 0 684 537	11/1995	EPO			In English
		JP 8-51322	02/1996	Japan			Abstract*
		JP 11-42809	02/1999	Japan			Abstract
		JP 11-234060	08/1999	Japan			Abstract*
		JP 2000-246900	09/2000	Japan			Abstract
		JP 2001-191531	07/2001	Japan			Abstract
		EP 1 164 013	12/2001	EPO			In English
		JP 2003-58264	02/2003	Japan			Abstract
OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)							
		*Note: Counterpart U.S. patent also cited (see text of IDS)					
EXAMINER			DATE CONSIDERED				

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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Sheet 1 of 1